

The Relation Between the Distance of an Inclusion
From the Surface and Its Effect on Fatigue
Cracking, by H. de lairie, B. Frappier. UNCL

FRANCE, per, Rev Met, No 1, 1959, pp 11-24.

BISI 1263

(16)

Sci - Min/Met
Dec 59

101,465

The Use of Photo-Elastic Coatings in the
Determination of Residual Stresses in Steel,
by E. M. Frepplier.

SPAIN, par, Analyse des Contraintes, Vol IV,
No 3-4, 1959.

PSM/22783/HJB

Sci - M/H
Aug 65

341,380

Q Fever in Umbria, by R. Frascarelli, 24 pp.

ITALIAN, per, La Riforma, Vol LXVI, No 8, 1952,
pp 197-201.

NIH

Scientific - Medicine

CTB/DEX

17,941

Q-fever in Umbria, by Romolo Frascarelli, 16 pp.
UNCLASSIFIED

ITALIAN, per, Riforma Med, Vol LXV, 1951, pp 1391-1394.

NIH

Scientific - Medicine

17,525

Opacification of Paper by Means of Colloidal
Solutions of the Oxides of Zirconium, Titanium
and Others, by J. Frasch, 18 pp.

DUTCH, per, Assoc Tech Ind Papetiere, Bull,
No 6, 1955, pp 179-186.

SLA 57-2307

SLA 60-14625

Sci

Aug 58

69, 811

On a Colloidal Interpretation of the Phenomena of
Corrosion and Inhibition, by Jean Frasch, 13 pp.

FRENCH, per, Corrosion et Anti-Corrosion, Vol VI, *N: 13*
1958, pp 9-14.

AEC Tr 3305
SHA 58-2274

Sci - Chem

Sep 58

73, 783

The Protection of Aluminum by Films of Bichromatic
Gelatin, by Jean Frasch, 10 pp.

FRENCH, per, Metaux et Corrosion. Vol XXIII, 1948,
p 261.

S.L.A.

Scientific - Minerals/Metals

24,782

17
Some Results of the Reassessment of the Value of
Fixed Assets and the Rescoring of Depreciation Rates,
by Horst Franz, 8 pp.
GERMAN, Wp. Die Wirtschaft, No 18, 9 Mar 1964, p 6.
JPRS 34414

R EE-Germany
Econ
May 64

257,100

Fraser, Donald Alexander, Hall, Reginald William,
and Raum, Alaric Louis Jeffrey.
PROCESS FOR THE MANUFACTURE OF NOVOLAK
RESINS (Verfahren zur Herstellung von Novolakhharzen).
[18p] (foreign text included).
Order from OTS, SLA, or ETC \$1.60 TT-64-19133

Trans. of German patent 1,022,005, 2 Jan 58 (priority:
Great Britain, from 16 Jun 53) by The Distillers Co.,
Ltd., Great Britain.

(Materials--Paints, TT, v. 12, no. 6)

TT-64-19133

- I. Fraser, D. A.
- II. Hall, R. W.
- III. Raum, A. L. J.
- IV. Patent (Germany)
1 022 005

Office of Technical Services

Thermal De-Icing, by J. L. Z Orr, D. Fraser, S. H. Milsum, 9 pp.

Full tr

FRENCH, per, DOCAERO (Documentary Review of the World Aeronautical Techniques), No 29, 1954, pp 49-52.

ATIC F-TS-8519/V

Sci - Aeronautics
Feb 1957 CTS/DEX

44, 384

The Effect of Hydroxylamine on the Growth of
Wheat, by V. L. Kretovich, A. A. ~~Em~~ Bundel',
M. R. Frasher, 6 pp.

RUSSIAN, per, Fiz Rasteniy, Vol VII, No 3, 1960,
pp 261-268.

AIBS

Sci

Mar 61

142, 144

The Participation of Hydroxylamine in Amino
Acid Synthesis in Plant , by V. L. Kretovich,
A. A. Bundel', M. R. Fraseri, M. V. Borovikova,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 6,
1958, pp 1065-1067.

Amer Inst of Biol Sci

Sci - Biol

86,194

Apr 59

9

The Problem of State Power the Basic Problem
of the Peoples Revolution, by Abdull Frasheri,
12 pp.
ALBANIAN, par, Rruga e Partise, Vol XI, No 5,
1964, pp 25-37.
JPRS 25528

EE-Albania
Econ
Jul 64

269,921

Agricultural Collectivization in Albania, by
Zhemil Frasberi, 34 pp. UNCLASSIFIED

ALBANIAN, qu per, Buliten per Shkenost Shoqerore,
No 11, Tirana, Apr 1957, pp 21-54.

US JPRS/NY-L-187

EE - Albania
Econ - Agriculture
Jun 58

64, 643

(2152-D)

The Development of Agriculture in the Rumanian People's Republic, by O. Feneșan, D. Frăsie, I. Luca, F. Onica, Al. Romanovici, O. Vascan, Ch. Vasiliu, 220 pp.

RUMANIAN, bk, Dezvoltarea Agriculturii in Republica Populara Romania, Bucharest, 1958, pp 7-11, 15-20, 86-97, 98-103, 113-126, 156-187, 188-219, 220-258, and 261-324.

US JPRS L-1477-D

81,047

ESAR - Rumania
Econ - Agriculture
Feb 59

IMPROVEMENT OF STATISTICAL STUDIES ON COSTS IN
TPK, BY DIMITUR PRATEY, 19 PP.

BULGARIAN, PER, PLANOV STAPANSTVO I STATISTIKA,
NO 4, 1961, PP 9-18.

JPRS 19651

EUR - BULGARIA
ECON
JAN 63

231,535

(NY-6430)

A Survey and Prognosis on Mass Increase of the
Principal Defoliatory Insects in 1961, and
Following Years, by A. Simionescu, Al Fratian, T.
Popescu, et al, 11 pp.

ROMANIAN, per, Revista Padurilor, Vol LXXVI,
No 61, Jun 1961, pp 369-372.

JPRS 10291

ESur - Romania

173,503

Econ Nov 61

The NiTe-NiTe_2 System, by W. Klemm, H. Pratiini.

GERMAN, per, Z. Anorg. u. Allgem. Chem, Vol CCLI,
No 3, 1943, pp 222-232.

NRCC -IT-872

Sci - Chemistry
Jan 61

136,406

(DC-5639).

Permanent Production Brigades and Other Work Groups
on Collective Farms, by Dumitru Frasie,

RUMANIAN, np, Agricultura Noua, 31 Jan-3 Feb 1961,
pp 1, 4.

*JPRS

EEur - Rumania

Econ - Agriculture

27 Mar 61

Observations on the Spermatogenesis of Scylliorhinus
Canicula, by L. Pratini.

ITALIAN, per. Pubbli Stag zool Napoli, 1953, p 201

QB 352/276

L. FRATINI

Sci -
Aug 67

336.759

Observations On the Spermatogenesis of Scylliorrhinus
ganicula, by L. Fratini.
ITALIAN, per, Pubbl. Stag. zool. Napoli, 1953, pp 201.
(DB 352/276)

L. FRATINI

Sci -
Sep 67

339.983

Investigations of the Behaviour of Concrete
Subjected to Attack by Special Alkali Solutions,
(Note II), by W. Fratini, R. Turriziani. UNCL

ITALIAN, per, Ric Sci, Vol XXVII, No 1, 1957,
pp 77-80.

DSIR 32695/CT

Sci - Min/Mat
Mar 59

83, 254

Investigation of the Behavior of Cements in the
Attack With Special Alkaline Solutions, by N.
Pratni, R. Turriziani, 5 pp.

ITALIAN, per, Ricerca Sci, Vol XXV, No 10, Oct 1955,
pp 2834-2837.

SIA Tr 57-616

Sci - Engineering
Sep 57

52,806

61-20559

Pratini, Nicola and Schippa, Giovanni.
EVALUATION OF THE QUANTITIES OF HYDROLYSIS LIME PRESENT IN THE CEMENT PASTES BY MEANS OF X-RAYS, PAPER 1. [1961] 9p. 4 refs.
Order from SLA \$1.10 61-20559

Trans. of la Ricerca Scientifica (Italy) 1960, v. 30, no. 12, p. 2030-2037.

DESCRIPTORS: Hydrolysis. *Calcium compounds. *Oxides. Quantitative analysis. X-ray diffraction analysis. *Cements. *Hydroxides. *Mortar.

After some considerations on the method of quantitative X-ray diffractometry the authors describe the procedure followed and the results obtained in a determination of the hydrolysis lime in cement paste employing an X-ray spectrograph with Geiger counter, using calcium hydroxide as an internal standard. (Author)

I. Pratini, N.
II. Schippa, G.

197211

(Engineering--Chemical, TT.
v. 7, no. 7)
Office of Technical Services

Quantitative Determination of Aluminum and Titanium
in Low-Pressure Polyethylene by Means of Spectro-
scopic Analysis, by G. P. Fratkina.

RUESIAN, per, Zavod Lab, Vol XXIV, 1958, pp 1373-
1374.

ATS RJ-2007

Sci - Chem

Jan 60

105,678

Reflex Fatigue in Road Accidents, by A. R.
Frattasi. UNCL

ITALIAN, per, Strade e Traffico, No 43, 1957,
pp 12-18.

DSIR 34300/CT

Sci - Med, physiology
Mar 59

83,385

Study of the Epidemic of Poliomyelitis in Saint-August
(Province of Quebec, Canada), by V. Pavilanis, A.
Frappier, 18 pp.

Full translation.

FRENCH, per, Annales de l'Inst.Pasteur, Vol LXXXV, 195

NIH TR 712

Scientific - Medicine

Nov
Oct 55
CTS/DEX

28,176

X-Ray Investigation of the Ferrite Phase in Portland
Cement, by N. Fratini, R. TORRIZIANI. UNCL

ITALIAN, per, Ric Sci, Vol XXVI, No 9, 1956,
pp 2747-2751.

DSIR 34593/CT

Sci - Phys; Min/Met
Mar 59

83,329

Frau, G.
EFFECT OF TOBACCO SMOKE ON THE HEMO-
DYNAMICS OF HEALTHY SMOKERS AND NON-
SMOKERS. [1962] 15p.
Order from K-H \$18.75 K-H 3178-b

Trans. of Folia Cardiologica (Italy) 1952, v. 10.
suppl, p. 272-282 (Soc[ietà] Italiana di Cardiologia.
Atti, 1951, v. 13).

DESCRIPTORS: *Tobacco, *Smokes, Cigarettes,
*Blood.

(Biological Sciences--Pathology, TT, v. 8, no. 9)

62-17957

- I. Frau, G.
- II. K-H-3178-b
- III. Kresge-Hooker Science
Library Associates, Detroit,
Mich.

C226056

Office of Technical Services

Europe Is Going to Gain Its Independence. With
Burafrigas, by Pol Frau, 12 pp.

FRENCH, per, Forces Françaises, No 41, 15 May
1959, pp 26-31. *4118466*

ACBI, H-4315

Khar

Pol

Aug 59

99,907

Theoretical Investigations of Reactivity
Measurement on a Reactor With Reflector
Using a Pulsed Neutron Source, by A. Frands,
22 pp.

GERMAN, por, Nukleonik, Vol IV, 1962,
pp 84-91.

AEC-NP-Tr-926

Sci-Nucl Sci
Jun 63

235,040

33
Investigations on the Effect of Two Temperature
Coefficients of Permeability, Which Result From
K Segregation of Pore That from Homogeneous Originally,
by Axel Frenkel, 13 pp.
GERMAN, rpt, Karlsruhe, 25 Oct 1963. 9233690
ARC-DADR-TT-013

Sci-Phys
Nov 64

210,5300

Investigation of Surface Processes With Radioactivity,
by H. Frauenfelder, 42 pp.

GERMAN, per, Helvetica Physica Acta, Vol XXIII,
1950, pp 347-380.

AEC SCL-T-422

Sci - Phys
Aug 62
List 71

206,069

Activities in the Na-Cd-Hg Ternary Liquid
System, by H. Frauenschill, F. Halla.

Full translation.

GERMAN, Z. Elektrochem, Vol 53, No 3,
pp 144-151, May 1949.

TPA3/TIB Tr No T 4044

Scientific - Electrochemistry

A-2700

A High-Frequency Method for Metallurgical
Testing of Magnetic Alloys, by F. Fraunberger. UNCL

GERMAN, per, Z Metallkunde, Vol XLVI, No 10,
1955, pp 749-751.

British Iron and Steel Ind
(no number given)

Sci - Engr
Sep 59

98,099

The Development of the Electric Power Industry
in South American, by Dr. Hans Fraustaedter,
14 pp.

EX SPANISH, rpt.

CIA/FDD/X-2055

L.Amer
Economic

May 1956

34,188

Researches on the Hydrogenation of Fats, by
B. N. Tyutyunnikov, B. Frayer,

RUSSIAN, per, Masloboino-Zhirovaya Prom.
Vol XVIII, No 1, 1953, pp 7-10.

■ INSDOC T.508

Scientific - Chemistry
CTB 70/Jul 55

25,220

(DC-4700/7)

XX Complete Mechanization is the Chief Condition
for Raising Labor Productivity in Agriculture,
by S. Frayer, 8 pp.

RUSSIAN, per, Ekhn Sel'skogo Khoz, No 1, 1961,
pp 84-89.

JPRS 8491

/60,003

EXHIBIT USSR
Econ
Jul 61

The Kinetics of the Rectification Process, by
R. S. Frayman, 7 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXX, No 12, 1957,
pp 1769-1768.

Consultants Bureau

Sci - Chem

Feb 59

81,967

(DCP2700)

Full Mechanization is the Main ~~RUSSIAN~~ ~~RUSSIAN~~ Condi-
tion for Increasing Labor Productivity, by S.
Frayer, 8 pp.

RUSSIAN, per, Ekonom Sel'skogo Khoz, No 1, 1961,
pp 84-89.

JPRS 8390

155, 420

USSR
Econ
Jun 61

(DC-2700/84)

Equipment in Specialized State Farms, by S. V.
Frayer, 6 pp.

RUSSIAN, per, Sovkhoz Proiz, No 3, 1961,
pp 16-21.

JPRS 8439

5

159, 745

USBR
Ecom
Jul 61

Table of Contents and Review of:
Calculation and Design of Special Tools for Metal
Cutting; Forming, Form-Milling and Hobbing Cutters,
Used in Machining Geared Parts, by I. A. Frayfel'd,
11 pp.

RUSSIAN, bk, Raschety iKonstruktsii Spetsial'-
nogo Metallovezhushchego Instrumenta; Fasonnyye
Rerisy, Fasonnyye Frezy, Chervyachnyye Frezy Dlya
Zubchatnykh Detaley, Moscow, 1957, 195 pp.

B-231
Head, Lib Sv Sec
Air Info Div
Lib of Congress

The Strength of Coko Substances, by F. P.
Frayhtstor. UNCL

RUSSIAN, per, Koks i Khim, No 4, 1959,
pp 20-22.

DSIR LIU M.1265

(loan)

Sci - Fuels
Apr 60

112,697

117-
Study of a Thermal Neutron Detector to Determine
the Flux Distribution in a Collimated Beam, by
G. Frayese, A. Brodicini.
FRENCH, rpt, MEB 133 1
MLL Ref: 9091.9F (Dounsey 336)

G. FRAYESE

Sci/Phys
Mar 69

375,669

The Evolution of Ideas About the Nucleolus:
Its Biological Importance, by J. ~~Frazao~~ Vasconcelos
Frazao, 35 pp.

PORTUGUESE, per, A Medicina Contemporanea,
Vol LXXVI, No 3, 1958, pp 101-127.

NIH 10-37-60

Sci - Med
Dec 60

133,936

General Methods for Estimating Adsorptive Powers,
by F. Krczil.
GERMAN, per Untersuchung und Bewertung Technischer
Adsorptionsstoffe, Leipzig, 1931, pp 229-260.
CSR.Co./

F. FRCZIL

Sci -
July 1967

334-502

NY-1782

Duties of the Railroad Properties Administration of the [East] German Reichsbahn, by Von Frditag, 17 pp.

GERMAN, per, Deutsche Eisenbahntechnik, No 6, Berlin, 1958, pp 298-304.

US JPRS/NY-L-415

NEur
Econ - Transportation
Dec 58

70. 715

81
On Continuous Functionals, by Maurice Frechet,
25 pp.
FRANCE, par, Ann Sci Ec Norm. Vol 27, No 3, 1910,
pp 193-216.
AEC/CINL-Tr-2204-69

Maurice Frechet

Sci/Math
Dec 69

396,041

On an Application of Mathematical Statistics to
Biology, by Maurice Frechet.
U.S.A., per, Biometrics, 1951, vol.7, pp.180-184.
SLA-TR-64-10012

Maurice Frechet

R/M
Aug 66

307,734

J-828/60

(DC-4242)

Handwriting Analysis Reporting -- An Inquiry, by
Pietro Fredas, 14 pp.

ITALIAN, rpt, Criminologia, pp 119-128.

JPRS 3976

WE - Italy

Soc - Handwriting Analysis

Sep 60

127,128

Physical Experiments in Casting and Gating Practice,
by L. Frede and H.E. Brandt.
GERMAN, par, Glasserei, 1954, v.41, no.11,
pp.283-288.
SEA-TT-64-20377

L. Frede

Met/Metal
Aug 66

307,711

Level Gauge and Control Process, by W. E. Frede,
9 pp.

GERMAN, per, Chem Ing Tech, No 4, 1957, pp 250-
254.

SLA 57-3408

Sci
Apr 59

84,956

Solubilities and Conductivities of Inorganic and
Organic Compounds in (HF), by K. Fredenhagen, G.
Cadenbach, 33 pp.

GERMAN, per, Zeit Phys Chem, Vol CXLVI A, 1930,
pp 245-280.

S.L.A. Tr 866/1956

39,050

Sci - Chemistry

Distribution Numbers for Hydrogen Fluoride in
the Binary System (H_2O-HF) at $25^{\circ}C$ and the Boil-
ing Point Curve of This System at Atmospheric
Pressure, by Karl Fredenhagen, Marianne Wellmann,
13 pp.

GERMAN, per, Zts. für physikalische Chemie,
Vol CIXIIA, OCT 14, 1932.

S.L.A. Tr 184

32,875

EEur - Germany
Scientific - Chemistry

Binding of Alkali Metals by Carbon, by V. K.
Fredenhagen, H. Suck, 13 pp.

GERMAN, per, Z Anorg und Allgem Chem, Vol CLXXVIII,
1929, pp 353-365.

ABC Tr 3397

Sci - Min/Mat
Feb 59

81, 293

Investigations on the Chondriosomes of Living Cells by
Microscopy and Phase-Contrast Microcinematography,
by J. Frederic, M. Chevrement, 27 pp.

Full translation.

FRENCH, per, Arch de Biol, Vol LXIII, No 1, 1952,
pp 109-129.

NIH

Scientific - Medicine

Sep 53 CTS

5366

Evolution of the Chondriosomes During Somatic Mitosis,
Studied in Living Cells Cultured in Vitro by
Microscopy and Phase-Contrast Microcinematography,
(Part II), by M. Chevreton, J. Frederic, 26 pp.

Full translation.

FRENCH, per, Arch de Biol, Vol LXIII, No 2, 1952,
pp 259-277.

NIH

5367

Scientific - Medicine

Sep 53 CTS

The Importance of the Kidneys for Erythro-
poiesis in Uremic Conditions by L. Frederici
and J. Fischer, 21 pp.

inische
GERMAN, per, Med. Welt. No 47, pp 2504-
2508, 1963.

AEC-UCRL-Tr-975

Sci - Bio & Med
Oct 63

241-134

L. Fredericq

Collection of Articles on Respiratory Physiology,
by L. Fredericq.
FRENCH, per, Arch de Biol., No 17, 1901, pp 561-576.
*NTIS/HEN TT 71-50149

Sept 71

Hydrolysis of Polyphosphates During Preparation
and Storage of Cooked Sausage, by K. W.
Gerritsma, J. C. Frederiks.

GEITMAN, per, Deut Lebensm Rundschau, Vol LI,
1955, pp 130-132.

36,075
CIA/FDD XX-156

Scientific - Chemistry

Jun 56 CTS/dex

IAC INTERNAL USE ONLY

Comparison Between Green Scutching and Warm-Water
Retting According to Various Treatments of the
Straw in the Field, by P. Sonne Frederiksen,
15 pp. UNCLASSIFIED

DANISH, per, Lin, No 3, 1948, pp 61-70.

QMF Tr 462

NoEur - Denmark
Economic
CTS/DEX

11,250

62-18069

Fredga, Arne.

ADAMANTOID COMPOUNDS. Lecture [presented]
at the Nordic Chemists' Meeting (no. 10) Stockholm,
17-22 Aug 59. [1962] 22p. 47 refs.
Order from SLA \$2.60

62-18069

Trans. of Svensk Kemisk Tidskrift, 1960, v. 72,
no. 3, p. 151-165.

DESCRIPTORS: *Hydrocarbons, Synthesis, Heterocy-
clic compounds, Crystal structure, Molecular struc-
ture, Organic compounds, Silicon compounds, Dia-
monds, Sulfur compounds.

The article presents a review of the work on the hy-
drocarbon adamantane and its homologues as well as
other organic compounds with a urotropin structure.
Special attention is devoted to the sulfur-containing
ring systems studied in Uppsala since 1947 by the
author and his collaborators. (Author)
(Chemistry--Organic, TT, v. 8, no. 10)

I. Fredga, A.
II. Title: Nordic

C226315

Office of Technical Services

Vacuum-Packed Fresh Meat, by H. Fredholm.

SWEDISH, rpt, Slakteriforbundet, pp 1-11.

CSIRO/No 6232

Sci

Dec 63

Research on Products of the Attack on Silico-
Aluminous Refractories by Liquid Steel, by T.
Wahlberg, L. Fredholm. UNCL

SWEDISH, per, Jernkont Ann, Vol CXXXVII, No 1,
1953, pp 1-26.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98,425

Medical Aid, by S. Frenkin, H. Vaynsberg, P.
Likhtenshin, et al, 17 pp.

RUSSIAN, encyclopedia, Bol'shaya Meditsinskaya
Entsiklopediya, Vol XVII, 1960.

JPRS 9276

USSR

Med - Military Medicine

153, 846

Jun 61

Fredlund, Ernst.
THE MEASURING RANGE OF KNUDSEN'S MANOM-
ETER. [1963] [14]p. 13 refs.
Order from SLA \$1.60

63-14688

Trans. of Annalen der Physik (Germany) 1932, ser. 5,
v. 13, no. 7, p. 802-810.

DESCRIPTORS: *Vacuum apparatus, *Pressure gages,
*Manometers, Gases, Pressure, Measurement.

Measurements with a Knudsen manometer of a new type
have shown that it is possible to obtain a linear relation
between the manometer deflection and the gas pressure,
until the mean free path is only approximately 10-12
times greater than the plate distance. Depending on the
type of gas, the manometer shows a deviation which is
incompatible with the simple theory, although this
deviation can be easily explained by means of the theory
of the accommodation coefficient. (Author)

63-14688

1. Title: Knudsen
manometers
1. Fredlund, E.

1542721

(Engineering, TT, v. 10,
no. 3)

Office of Technical Services

Fredlund, Ernst.
STUDY OF KNUDSEN'S MANOMETER. [1963] [34]p.
11 refs.
Order from SLA \$3.60 63-14687

Trans. of Annalen der Physik (Germany) 1932, ser. 5,
v. 14, no. 6, p. 617-643.

DESCRIPTORS: *Vacuum apparatus, *Pressure gages,
*Manometers, Gases, Pressure, Measurement.

(Engineering, TT, v. 10, no. 5)

63-14687

1. Title: Knudsen manometers
1. Fredlund, E.

A242720

Office of Technical Services

DC-12751

27 Oct 66

Universities or CIA Branches, by G. Freeman,
RUSSIAN, np, Pravda, 3 Oct 1966.
Special

Oct 66

FREEDMAN, J. B.

About the Mechanism of Failure of Metals.

Russian, Zhur Tekh Fiz, Vol XI, 1941.

Index Aero May 1950

49/4666

P 21575T

A-2701

Metal-Cutting Machine Tools, by Henry G. Freeman.

GERMAN, bk, Spanende Werkzeug-Maschinen, 1963.

HB

Sci-M/M

Aug 63

345, 304

Tuberculin Skin Reactions Without Participation of
Tubercle Bacteria and Mycobacterial Vital Substances,
by E. Freerksen, M. Rosenfeld, 2 pp.

GERMAN, por, Naturwissenschaften, Vol XLVIII, No 5,
1961, pp 135, 136.

MIN 7-24-61

Sci - Med
Sep 61

Flaskback Arrestors of Porous Sintered Metals -
A New Safety Appliance for Explosive Gases,
by F. Freha, W. Eotop, G. Stempel.

GERMAN, per, Schweissen u Schneiden, Vol VII,
No 5, 1955, pp 198-200. *16-167*

T.I.L. T.4535

35,710

Sci - Minerals/Metals, Engineering, *Index*

Jun 1956

SLR-57-4543

RAPATZ, F.
FRENSE, J.

Stahl und Eisen, vol. 69, 1949, pp. 605-607; 8 figs.
2 tables, 2300 words.

Influence of Special Nitrides upon Properties of High
Speed Steels with Reduced Tungsten Content.

Butcher Trans., Order No. 2286, \$3.90

A-10818

Anisotropic Changes of Dimension in the Heat
Treatment of Ledeburitic Chromium Tool Steels.
by Josef Frehsar, 19 p.

SIEPMANN, per, Archiv für das Eisenhüttenwesen.
1958, Vol XXIV, No 11/12, pp 483-485.

SLA 59-15019

Sci
Jan 60
Vol 2, No 5

104,503

Israel Between the Fronts, by Bruno Frei,
75 pp. FOR OFFICIAL USE ONLY
GERMAN, bk, Israel Zwischen den Fronten, 1965,

NY-13404

OCT 66

308,426

(DC-3801)

The Soviet Nationalities Policy and West German
Revanchism -- An Austrian Communist View, by
Bruno Frei, 4 pp.

GERMAN, np, Volksstimme, No 241, 17 Oct 1961,
p 6.

JPRS 12719

WIBur - Austria
Pol
Mar 62

186, 443

40
Leukocyte Phagocytosis, by J. Frei.
FRENCH, par. Ann Biol Clin (Paris). Vol 22.
No 3/4, 1964, pp 203-225.
NEW NIH
10-15-68

J. FREI

Sci-B and M
Jan 69

371.736

Determination of Phosphoryl Oxidation in the
Hepatic Cell Using P^{32} , by J. Frei, et al.

GERMAN, paper, P/922, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva 8-20 Aug 1955, Vol XII.

Internatl Conf -- UN

Sci - Nuclear Physics

CIA 1-669.9.162

52,078

Methods of Botanical Studies, by T. Frei.
RUSSIAN, Botanicheskii Zhurnal, Vol 48, No2,
1963, pp 235-239.
CSIRO/No.7193

Sci -
Jul 67

T. Frei

334,261

DISCONTINUED
DATA ON THE DIESEL CARGO LINER M. B. EUGARD,
BY G. FREIDBERG, 9 PP.

GERMAN, PER, SEE WORKER, NO 3, 1963, PP 9-12

JPRS 19188

EEER - GERMANY
ECON
MAY 63

1
292,3312

Rational Schemes for Cold Drawing and Rolling
of Tubes, by M. A. Freiberg, 3 PP.

RUSSIAN, per, Metallurg, No 9, 1959,
PP 33, 34.

Acta Metallurgica

Sci

Apr 61

144, 449

Variable-Diameter Tube Drawing, by M. A. Freiberg,
4 pp.

RUSSIAN, per, Metallurg, No 2, 1957, pp 18-20.

Consultants Bureau

Sci - Minerals/Metals
Mar 58

59,708

Influence of Various Additives on the Properties
of Titanium Capacitor Ceramics, by E. Zh. Fridenfel'd,
A. A. Apsits, 4 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXI, No 9, 1957,
pp 1390-1393.

Consultants Bureau

Sci - Chem

Dec 58

77,735

Lightweight Design Floating Feeder Heads, by
A. F. Zakharov, E. Z. Freidenzon, E. Z. Zatulovskaya,
3 pp.

RUSSIAN, per, Stal, No 12, 1959, pp 1082-1084.

The Iron and Steel Institute

119,256

Sci-Tech

Jun 60

Effect of Radioactive Radiation on the Physical
and Mechanical Properties of Wood, by A. S.
Freidin.

RUSSIAN, per, Lesnaya Prom, Vol VII, No 9,
1958, pp 13-15.

DSIR LLU M. 1381
(loan)

Sci - Phys

Aug 60

122,538

Modification of the Properties of Timber by
Ionising Radiation, by A. S. Freidin, 3 pp.

RUSSIAN, per, Derevoobrabatovaniye i
No 1, 1960, pp 15-17.

DSIR, TDA
169,980

USSR

Econ

9 Oct 61

A Study of the Kinetics of Oxidation of Liquid Paraffins
in the Presence of a K-Mn Catalyst, by B. G. Freidin,
5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 8, 1959,
pp 1849-1854.

CB

Sci
May 62

195,236

Liquid-Phase Catalytic Oxidation of n-
Tetradecane, by V. K. Tsyshovskiy,
B. G. Freidin.

RUSSIAN, per, Vsesoyuznaya Konferentsiya
po Kataliticheskim Reaktsiyam v Zhidkoi
Faze, Alma-Ata, 1963, pp 433-444.
KIA TT-66-10600

B. G. Freidin

Sci-Chem
Jul 66

305,561

Freidin, B. G. and Tsyskovskii, V. K.
THE APPLICATION OF VARIOUS CATALYSTS FOR
THE OXIDATION OF PARAFFIN (Primeneniye
Razlichnykh Katalizatorov pri Okislenii Parafina).
[1961] [10]p. 11 refs. [DSIR LLU] M. 2997.
Order from OTS or SLA \$1.10

61-23241

Trans. of Khim[iya] i Teknol[ogiya] Topliv i Masel
(USSR) 1959 [v. 4] no. 12, p. 25-29.

DESCRIPTORS: *Catalysts, Oxidation, *Hydrocarbons,
Potassium compounds, Manganese compounds, Per-
manganates, Reaction kinetics.

The presence of potassium compounds stabilizes the
valency state of manganese in the induction period of
oxidation of hydrocarbons in the liquid phase which
leads to an increase in the duration of the induction
period but accelerates the formation of acids in the ad-
vanced stage of the reaction. Under experimental con-
ditions the influence of potassium permanganate was
(Chemistry--Physical, TT, v. 6, no. 3) (over)

61-23241

I. Freidin, B. G.
II. Tsyskovskii, V. K.
III. DSIR LLU M. 2997

Office of Technical Services

61-23241

A Study of the Kinetics of Oxidation of Liquid
Paraffins in the Presence of a K-Mn Catalyst,
by B. G. Ereidin, 5 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXXII, No 8,
1959, pp 1649-1654.

CB

Sci

Aug 60

123,677

Separation of Synthetic Acids by the
Extractive Crystallization Method With
the Aid of Urea, by B. G. Freidin, K. D.
Tammik, 6 pp.

RUSSIAN, no per, Zhur Prik Khim SSSR, Vol
XXIX, No 6, Jun 1956, pp 935-941

*Assoc. Tech. Div.
RS-725*

Consultants Bureau

47,173

Sci - Chemistry
May 57

V
Solubilization in the Isolation of Fatty Acids
from Oxidized Paraffin, by B. G. Freidin, 6 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVIII, No 12,
Dec 1955, pp 1322-1326. CIA C 43311

Consultants Bureau

Sci - Chemistry

37,058

Aug 1956

Some Characteristics of Hydrocarbon Oxidation in
the Liquid Phase, Initiated by Metallic Salts, by
B.G. Freidin, 5 pp.

Prick *XXX* *5*
RUSSIAN, per, Zhur ~~and~~ Khim, Vol ~~221~~, No ~~2~~,
1957, pp 768-774.

Consultants Bureau

17TS RS-1473

Sci - Chem
Aug 58

69, 727